ALCON LIGHTING

INTENDED USE

The outdoor flexible LED light strip is a high-performance fixture that replaces neon lighting. The flexible design allows for smooth, continuous illumination, bending around tight curves without damage. The silicone housing provides durability, with factory-sealed connectors for secure installation. Designed to bend vertically around contours without damage, this versatile strip is available in multiple color temperatures and customizable lengths, allowing for versatile ambiance control in commercial, residential, pool, spa, façade, and perimeter lighting applications.

FEATURES

Construction: Silicone
Lens: Flat
Bend Direction: Vertical
Beam angle: 160°
CRI: 80+
Voltage: 120-277V
External Driver: 0-10V, MLV, ELV, and TRIAC (IP65 Rated)
Power Consumption: 7 watt per ft.
Lumen Output: 305 lumens per ft.
Max run: Continuous run length up to 16.4 ft cuttable every 4.92 in
Operating Temperature: −40°F ~131°F
Storage Temperature: −40°F ~140°F
Life: 50,000 Hours
Listing: IP65, UV and Flame Resistant
Warranty: 5 years carefree for parts & components (Labor not included).

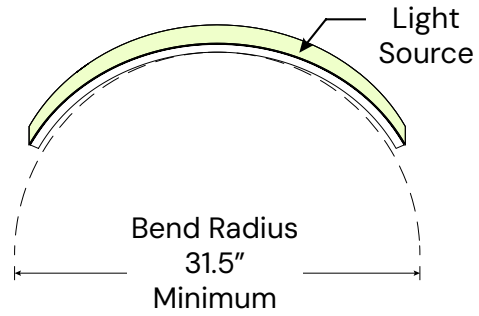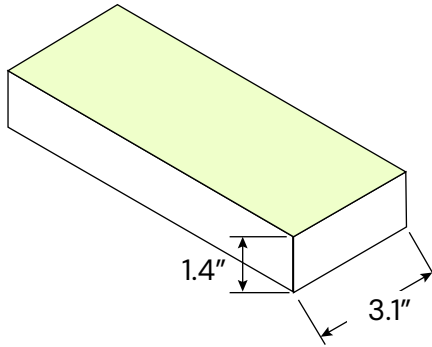SPEC GRADE · 5 YEAR WARRANTY · WET · IP65 · FIRE RATED · UV RESISTANT

3.1"
1.4"

ORDERING INFORMATION Example:

Model	Color Temp		Length		End Power Feed Cord Length		Mounting Channels Option	
11259	**27K** 2700K **30K** 3000K **40K** 4000K **50K** 5000K		**CODE**	Please refer to pages 3 for exact lengths with corresponding ordering codes	**3*** **10** **15** **30** **50**	3 ft. 10 ft. 15 ft. 30 ft. 50 ft.	**39AL**	39" Aluminum

* Standard
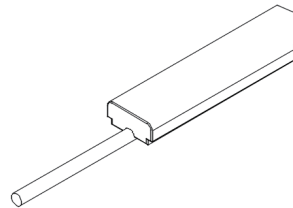
DIMENSIONS

1.4"
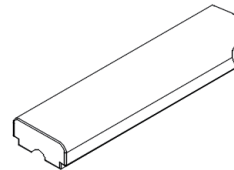3.1"

Light Source

Bend Radius
31.5"
Minimum

* LED strip only bends vertically along light surface. Do NOT bend more than the indicated minimum bend diameter (shown above). Doing so will damage the LED strip.

POWER FEED

End Power Feed
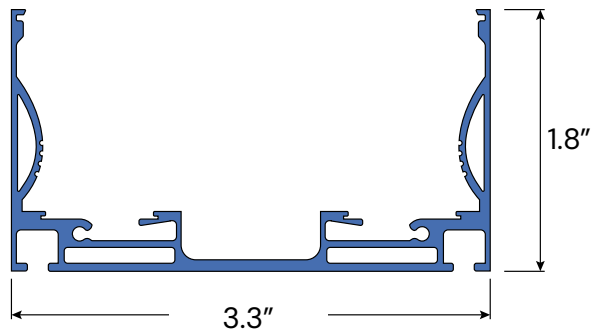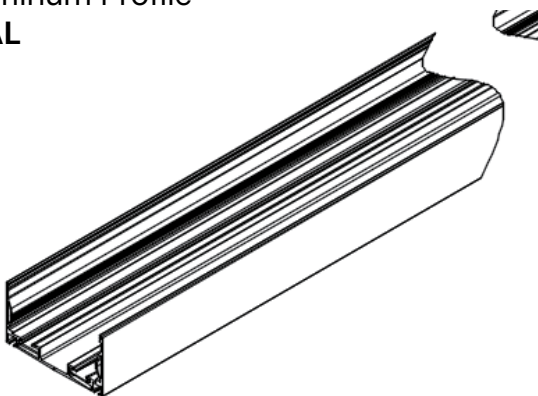Cord available in 3/10/15/30/50 ft.
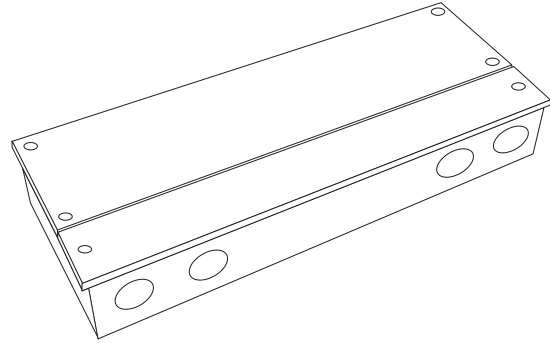
End Cap

MOUNTING ACCESSORIES

Aluminum Profile
39AL

1.8"

3.3"

1 For wall wash applications
2 Two Standard Tilting brackets are included. Further information in Pg. 3.

EXTERNAL DRIVER

Driver	Dimensions
4N1-30W-24V	6.50″ x 3.72″ x 1.57″
4N1-60W-24V	7.40″ x 3.72″ x 1.57″
4N1-96W-24V	8.66″ x 3.72″ x 1.57″
4N1-150W-24V	10.24″ x 4.13″ x 1.77″
4N1-200W-24V	10.24″ x 4.13″ x 1.77″
4N1-300W-24V	10.94″ x 4.33″ x 1.77″

CUTTING LENGTH CODES

Cuts are mare every 4.92″. Please refer to table below to determine actual lengths once LED is cut versus actual lengths required or specified.

Total Length Calculation = order code length + end feed option length
Example: 55.22″ total length = Order Code 11 (54.12″) + (1.1″) End Feed

Optional lead wire lengths available: 3ft., 10ft., 15ft., 30ft., 50ft.

Code	Inches	Code	Inches
1	4.92	**21**	103.32
2	9.84	**22**	108.24
3	14.76	**23**	113.16
4	19.68	**24**	118.08
5	24.6	**25**	123
6	29.52	**26**	127.92
7	34.44	**27**	132.84
8	39.36	**28**	137.76
9	44.28	**29**	142.68
10	49.2	**30**	147.6
11	54.12	**31**	152.52
12	59.04	**32**	157.44
13	63.96	**33**	162.36
14	68.88	**34**	167.28
15	73.8	**35**	172.2
16	78.72	**36**	177.12
17	83.64	**37**	182.04
18	88.56	**38**	186.96
19	93.48	**39**	191.88
20	98.4	**40**	196.8

ALCON LIGHTING

COMPATIBLE DIMMERS

	ALCON LIGHTING	LUTRON	LEVITON
0–10 V	2100 2101 2102	Diva DVTV	IP-710-DL

COLOR TEMPERATURE GUIDE

2700K	3000K	3500K	4000K	5000K
WARM WHITE	**SOFT WHITE GLOW**	**NEUTRAL GLOW**	**COOL WHITE GLOW**	**DAYLIGHT GLOW**
friendly personal intimate	soft warm pleasing	sociable inviting non-threatening	neat clean efficient	bright cool alert
HOMES LIBRARIES RESTAURANTS	HOMES HOTEL ROOMS LOBBIES RETAIL STORES	EXECUTIVE OFFICES RECEPTION AREAS SUPERMARKETS	OFFICES CLASSROOMS MASS MERCHANDISERS SHOWROOMS	GRAPHICS INDUSTRY HOSPITALS GALLERIES BEAUTY SALONS
✓	✓	X	✓	✓